Canon

CanoScan FB330P/FB630P
Color Scanner
Product Guide

How to Make Best Use of the Manuals

Open the Package

Read ⚠ Safety Precautions in the Product Guide first.

Printed Manual

CanoScan FB330P/FB630P
Getting Started

Briefly explains the procedures from setup and software installation through to scanning. First-time users of this scanner should read this guide thoroughly.

Want to know more about how to handle the scanner and the software CD-ROM, read ...

This Guide

Electronic Manual

CanoScan FB330P/FB630P
Product Guide

Detailed explanation about the scanner and the software CD-ROM.

When you have read this guide, finished setting up the scanner and want to know how to achieve better scanning results, read ...

Electronic Manual

CanoCraft CS-P 3.7
User's Guide

Explains how to use the CanoCraft CS-P 3.7 capture and editing software and the CanoCraft CS-P Copy software.

Electronic Manual

ScanGear Toolbox CS 2.1
User's Guide

Detailed information on how to use ScanGear Toolbox CS 2.1.

Once you've read this and mastered the major elements of CanoCraft CS-P 3.7 and ScanGear Toolbox CS 2.1, read ...

Electronic Manuals

Manual for Each Application Program

Ulead Photo Express 2.0 SE and Caere OmniPage Limited Edition are accompanied by electronic manuals with detailed instructions on their use.

The manuals that accompany each of the bundled software programs.

How to Use the Product Guide

This guide provides an in-depth explanation of individual topics related to CanoScan FB330P and FB630P color scanners and the accompanying software CD-ROM.
If you haven't already read the Getting Started guide, we recommend that you follow its suggestions first before consulting this guide.

Organization of this Guide

This guide tackles the scanner and software topics that could not be accommodated in the Getting Started guide. Each topic is intended to be read as a discrete unit. You need only read the topics that apply. The guide is divided into four sections.

Chapter 1 Placement and Connections

How to position the scanner and connect it to your computer and printer.

Chapter 2 The Software CD-ROM

How to use the software CD-ROM and an introduction to the software and electronic manuals.

Chapter 3 How to Use the Scanner

How to position documents for scanning and how to run the software.

Appendices

Troubleshooting tip, care, and maintenance.

*References to Windows in this guide refer to Windows®95, Windows®98 and Windows NT®4.0.

Conventions Used in this Guide

WARNING This symbol indicates precautions that must be taken when operating the equipment. Ensure that you read all warnings.

NOTE This symbol indicates supplementary operating procedures and other useful information. Read these notes at your own discretion.

Use of shielded cable is necessary to comply with the technical requirements of EMC Directive.

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Features of CanoScan FB330P/FB630P Color Scanners

You have purchased one of the world's finest flatbed Color scanners. The 300-dot-per-inch (dpi) optical resolution CanoScan FB330P and 600-dpi optical resolution CanoScan FB630P incorporate the following special features.

Compact Footprint

World's smallest and slimmest A4/Letter size scanner (256 mm wide x 372.5 mm long x 39 mm high). Weighing only 1.5 kilograms (3.3 pounds), this scanner is so light that it can easily be placed or moved to suit your convenience.

Simple Connection to a Parallel Port

Easily connected to your computer's parallel (printer) port with a single cable (supplied). Your existing printer connects to the scanner's second parallel port, creating a daisy chain configuration. See Precautions with Printers, p. 71 of this guide.

Standby Power and Energy-Saving Features

Convenient standby power feature means that the scanner is always ready to use. On continuous standby operation, it consumes a mere 5 watts per hour and only 9 watts per hour in full operation. Moreover, it is designed for high-speed, quiet operation.

Fine Color Tones and High Resolution

Scanning method employs proprietary Canon LIDE scanning technology in an ultrahigh-sensitivity CIS (contact image sensor). Reading 12 bits (4,096 colors) per red, green and blue (RGB) channel, the scanner offers 8-bit output that reproduces brilliant tones at high resolution.

WARNING

- *It is illegal to reproduce currency, bills, negotiable securities and other documents prohibited by law. Reproduction of such items may be subject to criminal action.*
- *It is illegal to reproduce legal certificates, licenses, travel tickets, and certain public and private documents prohibited from reproduction by law. Reproduction of such items may be subject to criminal action.*
- *Please noted that intellectual property protected by copyright may not be reproduced without the express permission of the copyright holder except for personal or household use under limited circumstances.*

⚠ Safety Precautions

Please read and take the following precautions before using the equipment.

⚠ **WARNING**	Indicates a warning concerning operations that may lead to death or injury to persons if not performed correctly. In order to use the equipment safely, always pay attention to these warnings.
⚠ **CAUTION**	Indicates a caution concerning operations that may lead to injury to persons or damage to property if not performed correctly. In order to use the equipment safely, always pay attention to these cautions.

About Locations

⚠ **WARNING**

- Do not place equipment near flammable liquids such as alcohol or thinners. If the internal electrical parts come in contact with flammable liquids, fire or electric shocks may result.
- Do not place the following objects on top of the equipment. If the internal electrical parts come in contact with these objects, fire or electric shocks may result.
  - metallic objects, such as necklaces
  - containers with liquid, such as cups, vases and flower pots

  If any of these objects or liquids enter the equipment, immediately unplug the AC adapter and contact your retailer or Canon Customer Support Help Desk.

⚠ CAUTION

- Do not place the equipment in the following areas. Fires or electric shocks may result.
  - Areas with high humidity
  - Areas subject to direct sunlight
  - Areas with high temperatures
  - Areas near flame sources
- Do not place on shaky stands, unstable surfaces or surfaces subject to frequent vibrations. If the equipment falls, it may cause injuries.
- Do not place heavy objects on the equipment. Objects may fall and cause injuries.

About the Power Supply

⚠ WARNING

- Do not damage, mutilate or modify the power cord or AC adapter. Do not place heavy objects on, pull or excessively bend the power cord. Damaged wires may cause fire or electric shocks.
- Do not plug/unplug the AC adapter with wet hands. You may be electrocuted.
- Do not connect excessive numbers of plugs into one electrical outlet. It could cause fires or electric shocks.
- Do not twist or tie electrical cords together. It could cause fires or electric shocks.
- Always plug power cords or AC adapters in all the way. If not plugged in completely, they may cause fires or electric shocks.
- As a rule, do not use electrical extension cords. They could cause fire or electric shocks. If the use of an extension cord is necessary, do not use one longer than 15 ft. (5 m). Make sure that the extension cord is not twisted, the connection between the

power cord and the extension cord is secure and the AC adapter is fully plugged in. Do not use multiple extension cords.

- Do not use extension cords in high traffic areas where they can be stepped on or tripped over, which may damage the cords. Damaged wires could cause fires or electric shocks.

⚠ CAUTION

- Do not use wrong voltage outlet. It could cause fires or electric shocks.
- When unplugging the AC adapter, always pull on the main body of the adapter. Do not pull the AC adapter out by the cord, which may damage the wires and lead to fire or electric shock.
- Do not place objects around the AC adapter in case it needs to be unplugged during emergencies.

General Handling Precautions

⚠ WARNING

- Do not take apart or modify the equipment. There are high voltage parts within that could cause fire or electric shocks if exposed.
- If you hear unusual noises, see smoke, feel excessive heat or smell anything unusual, immediately unplug the AC adapter and contact your retailer or Canon Customer Support Help Desk. Continued use may result in fires or electric shocks.
- Do not use flammable sprays near this equipment. Also do not spill water, liquids, or flammable liquids on the equipment. If these fluids enter this equipment and contact the electrical parts, fires or electric shock may result. If anything enters the equipment, immediately unplug the AC adapter and contact your retailer or Canon Customer Support Help Desk.

- When cleaning the equipment, always unplug the AC adapter. Otherwise you could cause a fire or receive an electric shock.
- When cleaning the equipment, use a water-moistened cloth that is well wrung out. Do not use flammable liquids such as alcohol, benzene or thinners. If a flammable liquid enters the inner electrical parts, it may cause fires or electric shocks.

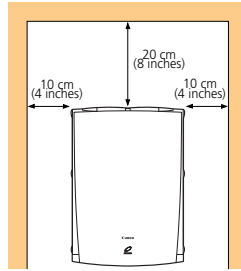
⚠ CAUTION

- Carefully close the document cover in order not to pinch your hands.
- Do not press heavily on the document cover. The document glass may break and injure you.
- When not in use for extended periods, such as long weekends, unplug the equipment for safety.
- When transporting the equipment, be extremely careful. Dropping it could cause an injury.
- Wait until the equipment has cooled before placing a cover over it. Otherwise it may cause a fire.
- Do not use the supplied CD-ROM in regular CD players. It produces excessively loud sound that may cause hearing damage.
- Unplug the AC Adapter from the outlet at least once a year, and clean the area around the base of the AC Adapter's metal pins to ensure all dust is removed. If dust accumulates in this area, it may result in a fire.

Setup and Use

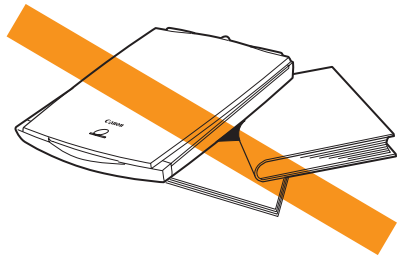
In order to use this scanner safely, please observe the following warnings at all times.

- Please use in an area where the following temperature and humidity conditions can be met.
  Surrounding temperature: 5 degrees - 35 degrees C (41 degrees - 95 degrees F)
  Surrounding humidity: 10% - 90% RH (without condensations)
- Please use where the electrical conditions (normal home outlets) can be met in your country.
- Make certain there is plenty of clear space around the scanner.
  (Below is a diagram looking straight down on the scanner).

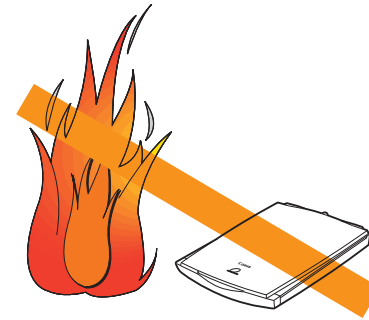


- Set up the scanner so that the cable reaches from the scanner to the electrical outlet.
- Do not set up in areas where there is an excessive fluctuation in temperature or humidity. Also do not move the equipment from high humidity areas to low humidity areas. Condensation may cause image errors. After moving from high humidity areas to low humidity areas, leave the scanner enough time to gradually adapt to the new conditions before use.
- Do not use the scanner in areas subject to direct sunlight. The humidity may rise inside the equipment and cause damage or decreased image quality. If you have to use the scanner in direct sunlight, make sure to use a thick curtain to block the light.
- Locations to Avoid:

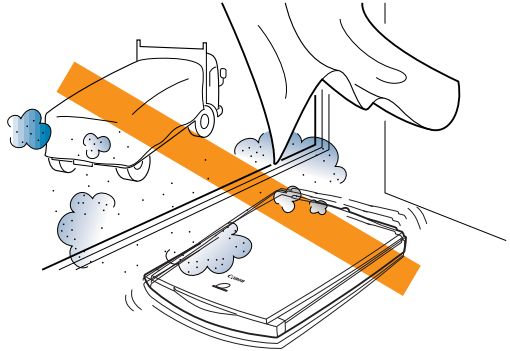
Uneven or stepped surfaces



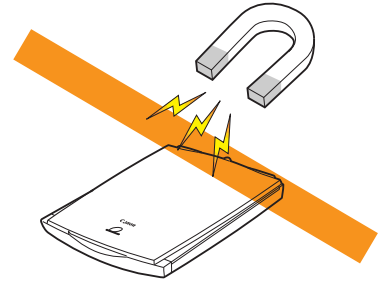
High-temperature environments



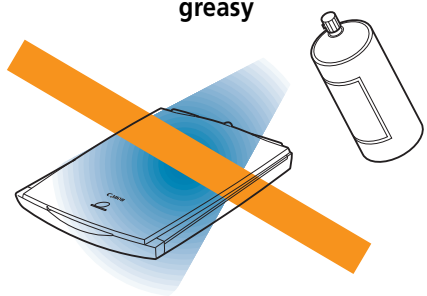
Environments subject to shocks, smoke, noxious fumes, water vapor or dust



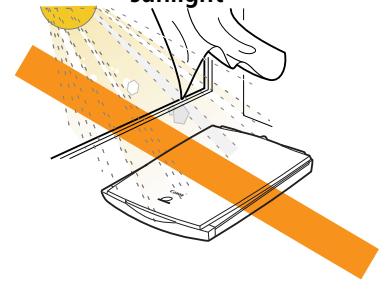
Locations near TVs or devices generating strong magnetic fields



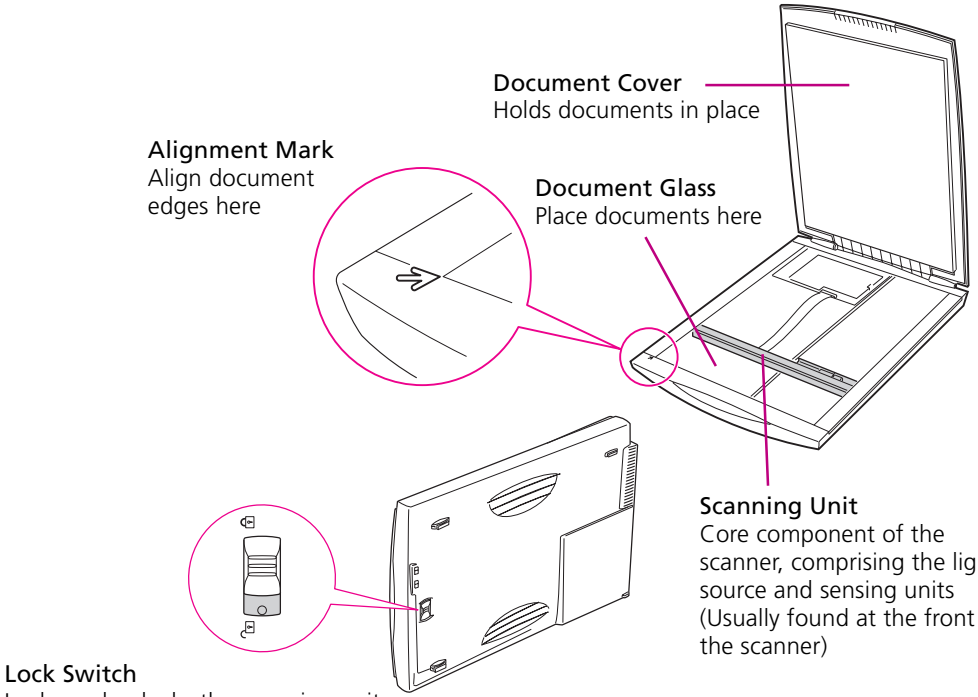
Environments in which the air is salty or greasy



Locations subject to strong direct sunlight

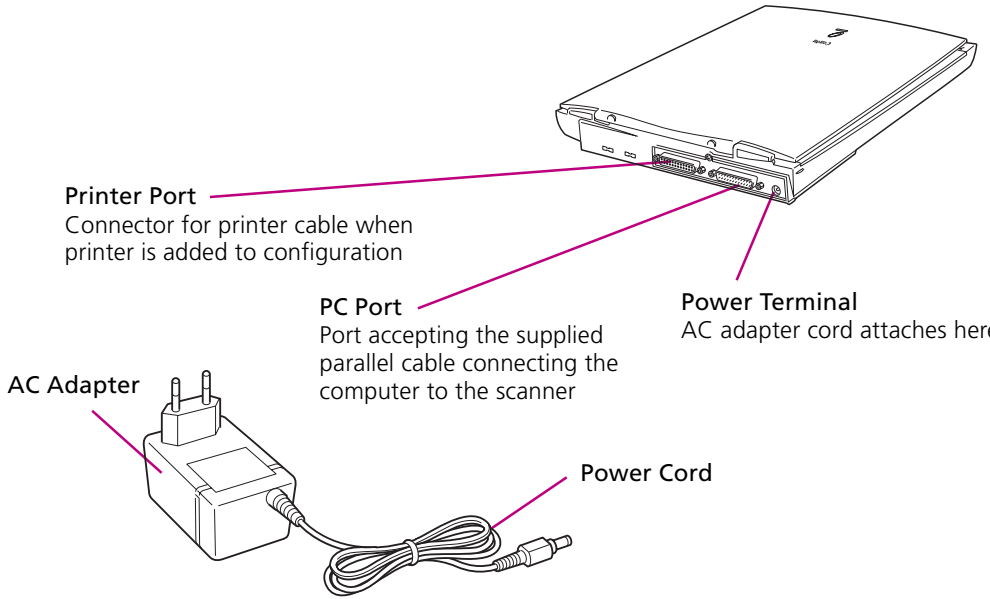


Components Guide


Document Cover
Holds documents in place
Alignment Mark
Align document edges here
Document Glass
Place documents here
Scanning Unit
Core component of the scanner, comprising the light source and sensing units (Usually found at the front of the scanner)
Lock Switch
Locks and unlocks the scanning unit

WARNING

- *Do not tilt the scanner more than 90˚ when checking or operating the lock.*
- *Always unlock the scanner before plugging in the AC adapter. Operating the scanner in the locked state may damage the equipment.*
- *Lock the scanning unit before transporting it in a vehicle (p. 20).*


Printer Port
Connector for printer cable when printer is added to configuration
PC Port
Port accepting the supplied parallel cable connecting the computer to the scanner
Power Terminal
AC adapter cord attaches here
AC Adapter
Power Cord

Chapter 1

Placement and Connections

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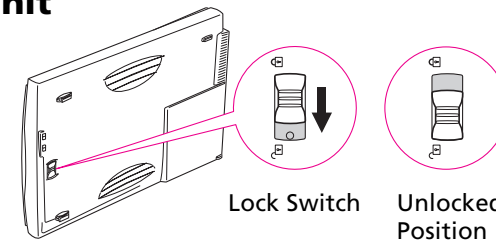
The Scanning Unit Lock

The scanner is shipped with the scanning unit locked to prevent damage during transport. You must unlock it to use the scanner.

Unlocking the Scanning Unit

1. **Find the lock switch on the underside of the scanner.**
2. **Push the lock switch toward the unlocked mark ( ).**



WARNING • *Always unlock the scanner before plugging in the AC adapter. Operating the scanner in the locked position may damage the equipment.*

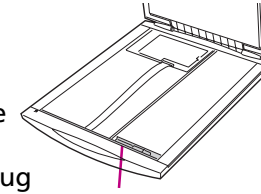
Locking the Scanning Unit

Always engage the lock before transporting the scanner.

1. **Turn off all connected devices, including the scanner, computer, printer or other device.**
   Follow the recommended procedures to shut down and turn off the computer, printer or other device in that order.
   Unplug the scanner's AC adapter from the electrical outlet.

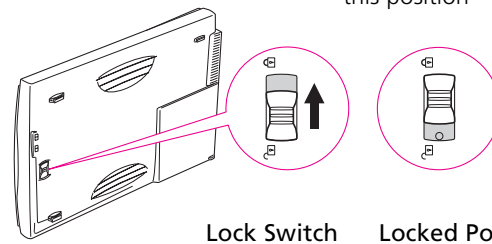
2. Confirm that the scanning unit is at the front of the scanner.

First check to make sure that all documents have been removed from the document glass. Then close the document cover, and after you have plugged the power cord plug into the scanner, plug the AC Adapter into the electrical outlet. Check to see that the scanning unit has correctly returned to the front of the scanner, then unplug the AC adapter from the electrical outlet. Lastly, unplug the power cord plug from the scanner.



Scanning Unit
Confirm that the scanning unit is in this position

3. Lock the scanning unit by pushing the lock switch toward the lock mark (🔒).



Lock Switch Locked Position

WARNING • *Carrying or transporting the scanner without locking the scanning unit may damage it. Be particularly careful to lock the scanning unit when transporting the scanner in a vehicle.*

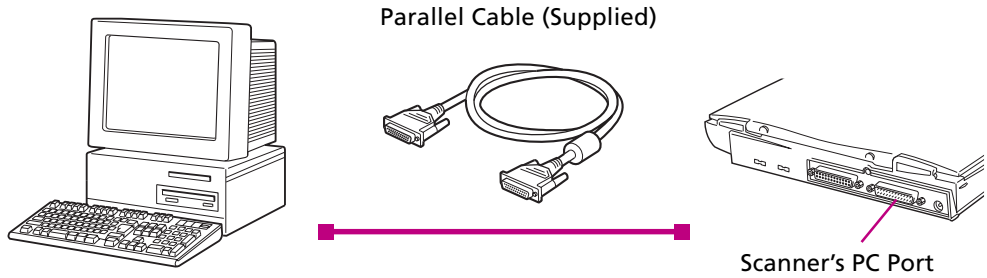
Connecting to a Computer

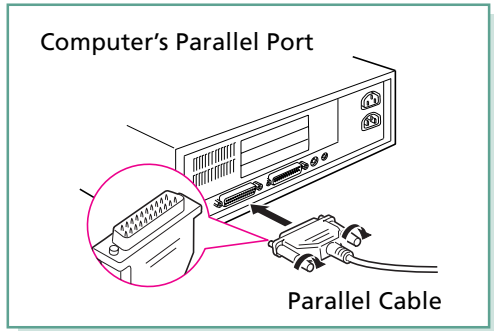
Once you have determined the ideal placement, connect the scanner to the computer as shown below.

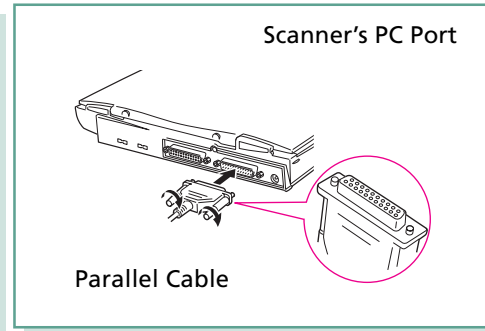
WARNING • *Ensure that the computer's power is off before attempting these procedures. In addition, ensure that the scanner's AC adapter is unplugged.*

Connecting the Scanner to a Computer

The connectors at either end of the parallel cable are different. Check to ensure you insert the correct one.





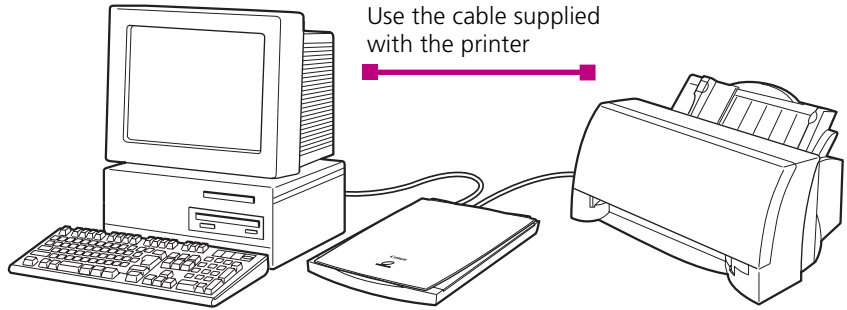


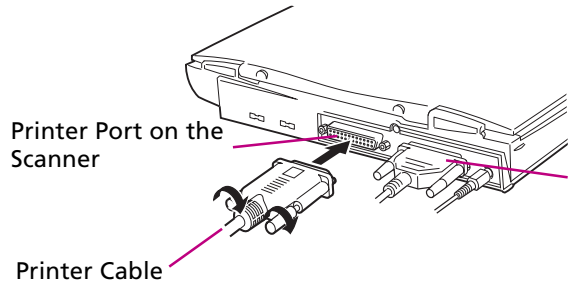
NOTE

- *The parallel port will have a connector that is approximately 4 cm (1.5 inches) long and labeled Parallel or Printer. It is generally found on the back panel of the computer.*
- *If a printer is already connected to the computer, detach the printer cable from the parallel port.*

Connecting a Printer to the Scanner

To add a printer to the configuration, connect the printer to the printer port on the scanner.





PC Port on the Scanner
A parallel cable should already be connecting the computer to this port

WARNING

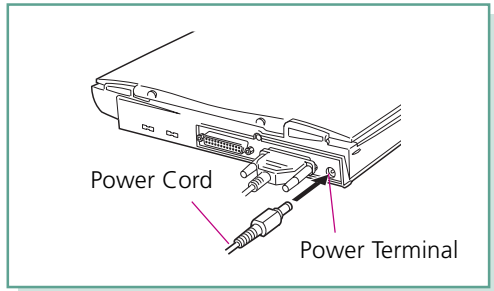
- *Windows Printing System printers cannot be used in the configuration above.*
- *For correct operation, some Epson inkjet models require further adjustments to software settings after the preceding steps. Refer to the notice titled What to Do if a Printer is Not Operating Correctly (p. 71).*
- *Since data is sent through the scanner to the printer, ensure that the scanner power is on before attempting to print even when not using the scanner.*
- *Devices other than printers cannot be attached to the scanner's printer port.*

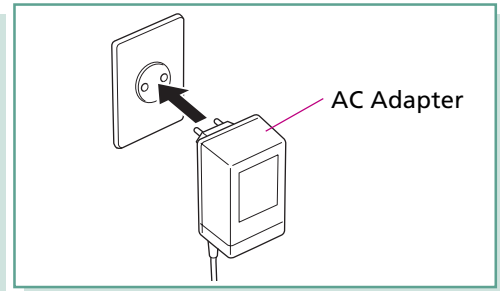
Connecting the Power Cord (Turning on the Power)

The scanner is powered by the AC adapter supplied in the package.

1. Connect the power cord plug to the power terminal on the scanner.

2. Plug the AC adapter into an electrical outlet.





WARNING

- *Do not use an AC adapter other than the one supplied with the scanner. Other adapters may damage the equipment.*
- *There is no power switch on this scanner. The power is activated as soon as the AC adapter is plugged into a power source. The unit can be left on standby with the AC adapter plugged in under normal operating conditions.*
- *To power down the scanner, first turn off the computer and other peripheral devices before unplugging the scanner's AC adapter from the electrical outlet.*

Chapter 2

The Software CD-ROM

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Displaying the CD-ROM Contents 46

Troubleshooting 49

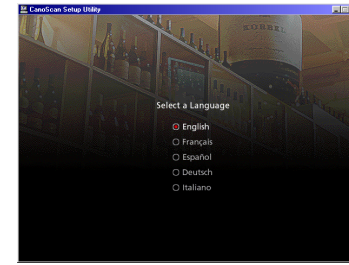
How to Use the Software CD-ROM

The CD-ROM included in the scanner package contains software and electronic manuals that will maximize your use of the scanner. This section explains how to use the CD-ROM.

Running the CD-ROM Menu Program

The CD-ROM menu program will automatically display when you place the disk in the CD-ROM drive.

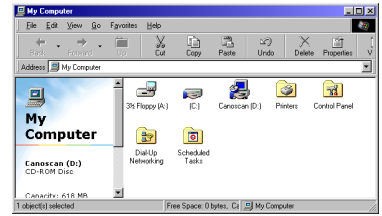
1. **Language select window will display. Select your language.**



2. **The menu window is shown below.**

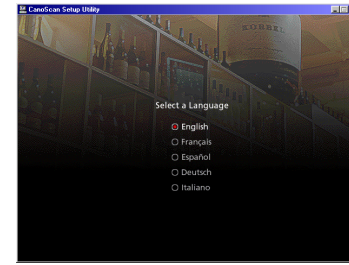
If the CD-ROM Menu Fails to Appear

1. **Click the [My Computer] icon on the Windows desktop.**



2. **Double-click the CD-ROM icon titled [Canoscan (D:)] that appears in the My Computer window.**
   Although an "(D:)" appears after the CD-ROM title in this example, indicating the name of the drive, it may be labeled with a different letter on your system. This letter may be ignored for the purposes of this procedure.

3. **Language select window will display. Select your language.**



4. CanoScan Setup Utility window will display.

About the Menu Window

The following items can be selected from the menu window.

Install/Uninstall Software

Installs the software onto your computer's hard drive that is required for scanning. Can also be used to uninstall the software.

View the Electronic Manuals

Presents electronic manuals for the software contained on the disk.

Display the CD-ROM Contents

Displays the list of folders and files contained on the disk.

Troubleshooting

Presents troubleshooting tips when scanning isn't proceeding as expected or when you encounter a problem operating the scanner.

Exit

Closes the CD-ROM menu program.

Each of these items is described on the following pages.

Installing the Software

There are four software programs contained on the CD-ROM. Install them with the procedures described on the following page.

Software Titles

CanoCraft CS-P 3.7 (Approximately 9 MB)

A specialized program required for scanning images with CanoScan FB330P/FB630P scanners. Ensure that you install this program. (CanoCraft CS-P 3.7 is hereafter referred to as CanoCraft CS-P.)

CanoCraft CS-P Copy

Installed automatically with CanoCraft CS-P. A program that allows your computer, scanner and printer easily make a color copy.

ScanGear Toolbox CS 2.1 (Approximately 2 MB)

A program that can scan and load images directly into application programs, copy images and perform other semi-automated tasks. (ScanGear Toolbox CS 2.1 is hereafter referred to as ScanGear Toolbox.)

Ulead Photo Express 2.0 SE (Approximately 105 MB)

A graphics program that works with CanoCraft CS-P to scan and load images, which can then be edited or retouched. The scanning functions are only available if CanoCraft CS-P is installed.

Caere OmniPage Limited Edition (Approximately 18 MB)

An optical character recognition (OCR) program that works with CanoCraft CS-P to scan and load documents, which can then be converted into text data for editing. The scanning functions are only available if CanoCraft CS-P is installed.

Adobe Acrobat Reader (Approximately 10 MB)

The reader program for the on-screen software manuals contained on the CD-ROM.

WARNING

- *Installation of the above programs requires approximately 144 megabytes on your hard disk.*
- *Please refer to the Troubleshooting section of this guide if you experience difficulty in installing the software (p. 61).*

NOTE

- *Software descriptions are contained in the Guide to the Software section of the Getting Started guide, starting on page 23.*

.

Installing the Software

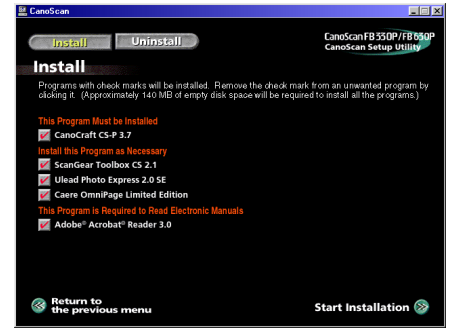
WARNING

- *Do not remove the CD-ROM from its drive or power the scanner down during installation of the software unless prompted by an on-screen message of CanoScan Setup Utility.*

1. **Confirm that the scanner is properly connected and powered up. Place the CD-ROM in the computer drive.**
   Select your language from the language select window.

2. **Click the [Install/Uninstall Software] button from the CD-ROM menu that automatically appears.**
   The following dialog will display.

Install/Uninstall Software


CanoScan
Install
Uninstall
CanoScan FB 330P / FB 630P
CanoScan Setup Utility
Install
Programs with check marks will be installed. Remove the check mark from an unwanted program by clicking it. (Approximately 140 MB of empty disk space will be required to install all the programs.)
This Program Must be Installed
CanoCraft CS-P 3.7
Install this Program as Necessary
ScanGear Toolbox CS 2.1
Ulead Photo Express 2.0 SE
Caere OmniPage Limited Edition
This Program is Required to Read Electronic Manuals
Adobe® Acrobat® Reader 3.0
Return to the previous menu
Start Installation

3. **Click the [Start Installation] button on the bottom right of the window.**

4. **Follow the instructions in the window to proceed with installation.**
   We recommend installing all the programs under normal circumstances. Experienced computer users may wish to selectively install the programs. However, the CanoCraft CS-P must be installed to operate the scanner. Once installation of all the software is complete, follow the on-screen instructions of CanoScan Setup Utility to restart your computer.
5. **Remove the CD-ROM.**

Viewing Electronic Manuals

You can view electronic manuals contained on the software CD-ROM.

What is an Electronic Manual?

On-screen manuals are provided in a digital format for viewing on your computer monitor. They offer a variety of features not possible with printed manuals, such as the ability to jump to different topics with a single mouse click on a hyperlink or item in the table of contents or index. The manuals also support keyword search functions. You can, of course, also print them out on your printer.

List of Electronic Manuals

The CD-ROM contains five electronic manuals.

Product Guide (this guide)

CanoCraft CS-P 3.7

Refer to this manual for detailed instructions on how to use the CanoCraft CS-P and CanoCraft CS-P Copy programs.

ScanGear Toolbox CS 2.1

Refer to this manual for detailed instructions on how to use ScanGear Toolbox CS.

Ulead Photo Express 2.0 SE

Refer to this manual for detailed instructions on how to use the Ulead Photo Express 2.0 SE graphics program.

Caere OmniPage Limited Edition

Refer to this manual for detailed instructions on how to use the Caere OmniPage Limited Edition optical character recognition program.

Software for Viewing Electronic Manuals

Adobe Acrobat Reader program is supplied for viewing the manuals. The Adobe Acrobat Reader should already have been installed on your computer in order to read the electronic manuals. In case it is not installed, see page 33 for installation instructions.

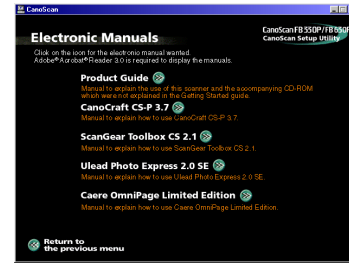
NOTE

- *Descriptions of CanoCraft CS-P, CanoCraft CS-P Copy, Ulead Photo Express 2.0 SE and Caere OmniPage Limited Edition are included in the Getting Started guide, pages 23-30.*

Viewing Electronic Manuals

1. **Click [View the Electronic Manuals] in the CD-ROM menu.**
   The following window will display.

View the Electronic Manuals


CanoScan
Electronic Manuals
CanoScan FB 350P/FB 620P
CanoScan Setup Utility
Click on the icon for the electronic manual wanted.
Adobe® Acrobat® Reader 3.0 is required to display the manuals.
Product Guide
Manual to explain the use of this scanner and the accompanying CD-ROM which were not explained in the Getting Started guide.
CanoCraft CS-P 3.7
Manual to explain how to use CanoCraft CS-P 3.7.
ScanGear Toolbox CS 2.1
Manual to explain how to use ScanGear Toolbox CS 2.1.
Ulead Photo Express 2.0 SE
Manual to explain how to use Ulead Photo Express 2.0 SE.
Caere OmniPage Limited Edition
Manual to explain how to use Caere OmniPage Limited Edition.
Return to the previous menu

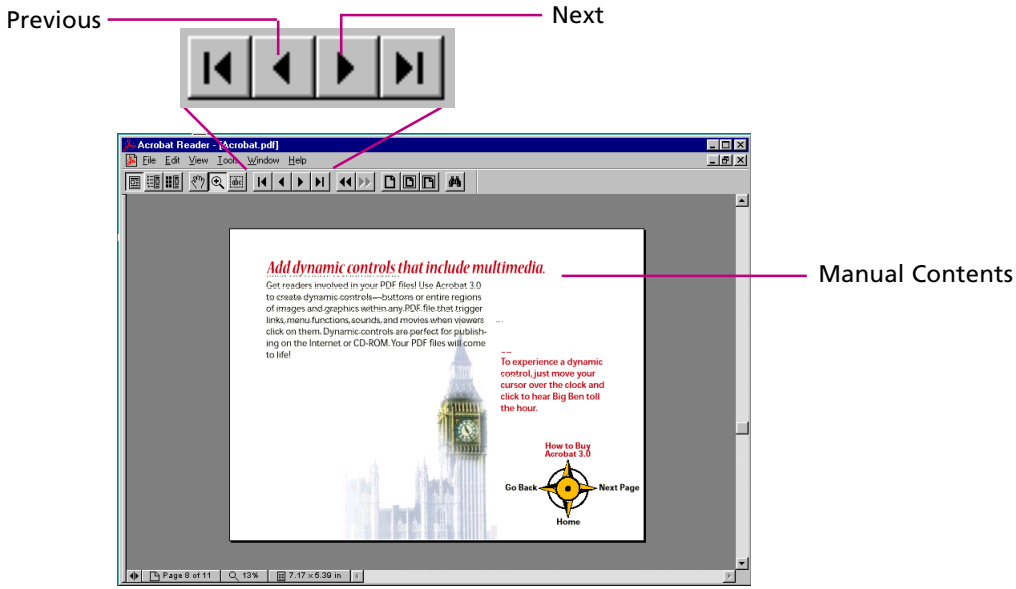
2. **Select the manual you wish to view.**
   Adobe Acrobat Reader will automatically display the selected manual.
3. **Click [Return to the previous menu] when you have finished viewing.**
   Click the ☒ of the Adobe Acrobat Reader Window.
   The main menu will display.

How to Operate Electronic Manuals

This section briefly explains how to use the major functions of Adobe Acrobat Reader to view the electronic manuals.

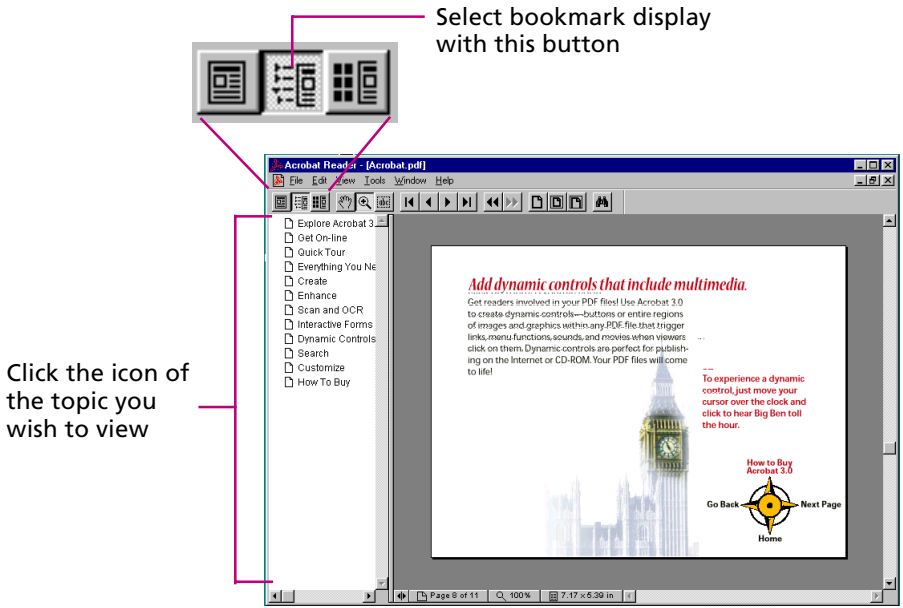
Changing Pages

Page ahead or back with the buttons below.


Previous
Next
Acrobat Reader - [Acrobat.pdf]
File Edit View Tools Window Help
Add dynamic controls that include multimedia.
Get readers involved in your PDF files! Use Acrobat 3.0 to create dynamic controls—buttons or entire regions of images and graphics within any PDF file that trigger links, menu functions, sounds, and movies when viewers click on them. Dynamic controls are perfect for publishing on the Internet or CD-ROM. Your PDF files will come to life!
To experience a dynamic control, just move your cursor over the clock and click to hear Big Ben toll the hour.
How to Buy Acrobat 3.0
Go Back
Next Page
Home
Page 8 of 11
13%
7.17 x 5.39 in
Manual Contents

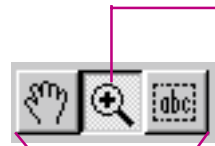
Bookmark Display

The bookmark display shows an overview area in which each topic and subtopic is bookmarked. Click on a bookmark to jump directly to that topic.


Select bookmark display with this button
Click the icon of the topic you wish to view
Acrobat Reader - [Acrobat.pdf]
File Edit View Tools Window Help
Explore Acrobat 3
Get On-line
Quick Tour
Everything You Ne
Create
Enhance
Scan and OCR
Interactive Forms
Dynamic Controls
Search
Customize
How To Buy
Add dynamic controls that include multimedia.
Get readers involved in your PDF files! Use Acrobat 3.0 to create dynamic controls—buttons or entire regions of images and graphics within any PDF file that trigger links, menu functions, sounds, and movies when viewers click on them. Dynamic controls are perfect for publishing on the Internet or CD-ROM. Your PDF files will come to life!
To experience a dynamic control, just move your cursor over the clock and click to hear Big Ben toll the hour.
How to Buy Acrobat 3.0
Go Back
Next Page
Home
Page 8 of 11
100%
7.17 x 5.39 in

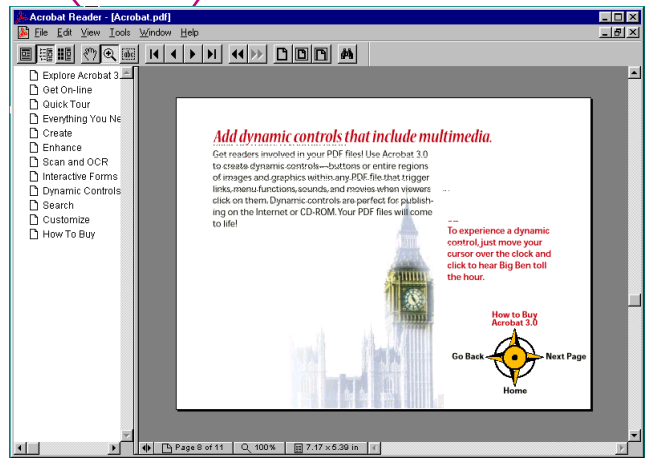
Zoom In/Out

Zoom in or out on part of a page.



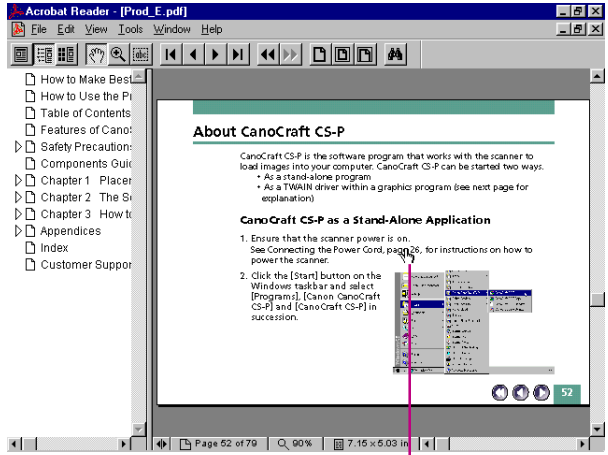
Click this icon to select the zoom tool, then click on the area you wish to magnify

Hold the [Ctrl] and click the zoom tool on the page to zoom out


Acrobat Reader - [Acrobat.pdf]
File Edit View Tools Window Help
Explore Acrobat 3
Get On-line
Quick Tour
Everything You Ne
Create
Enhance
Scan and OCR
Interactive Forms
Dynamic Controls
Search
Customize
How To Buy
Add dynamic controls that include multimedia.
Get readers involved in your PDF files! Use Acrobat 3.0 to create dynamic controls—buttons or entire regions of images and graphics within any PDF file that trigger links, menu functions, sounds, and movies when viewers click on them. Dynamic controls are perfect for publishing on the Internet or CD-ROM. Your PDF files will come to life!
To experience a dynamic control, just move your cursor over the clock and click to hear Big Ben toll the hour.
How to Buy Acrobat 3.0
Go Back
Next Page
Home
Page 8 of 11
100%
7.17 x 5.39 in

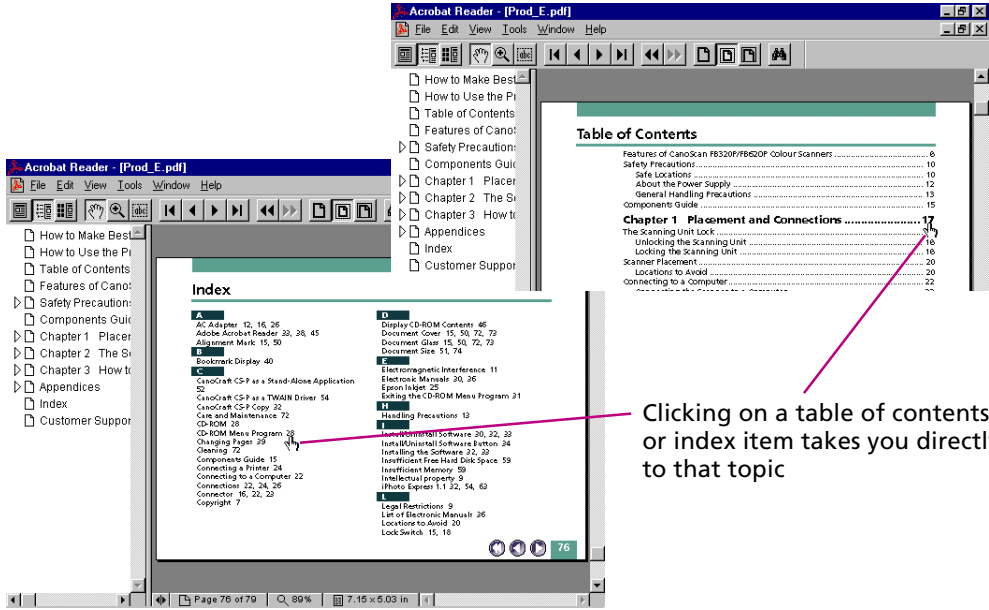
Click a Page Reference to Jump to a Topic

Clicking on a page reference (hyperlink) takes you directly to that topic.


Acrobat Reader - [Prod_E.pdf]
File Edit View Tools Window Help
How to Make Best
How to Use the Pr
Table of Contents
Features of Canos
Safety Precautions
Components Guid
Chapter 1 Placer
Chapter 2 The Sc
Chapter 3 How to
Appendices
Index
Customer Suppor
About CanoCraft CS-P
CanoCraft CS-P is the software program that works with the scanner to load images into your computer. CanoCraft CS-P can be started two ways.
• As a stand-alone program
• As a TWAIN driver within a graphics program (see next page for explanation)
CanoCraft CS-P as a Stand-Alone Application
1. Ensure that the scanner power is on.
See Connecting the Power Cord, page 26, for instructions on how to power the scanner.
2. Click the [Start] button on the Windows taskbar and select [Programs], [Canon CanoCraft CS-P] and [CanoCraft CS-P] in succession.
52
Page 52 of 79
90%
7.15 x 5.03 in

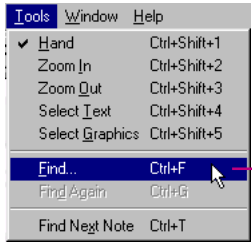
Clicking on a page reference takes you directly to that topic

Clicking on an item in the table of contents or index also takes you directly to that topic.

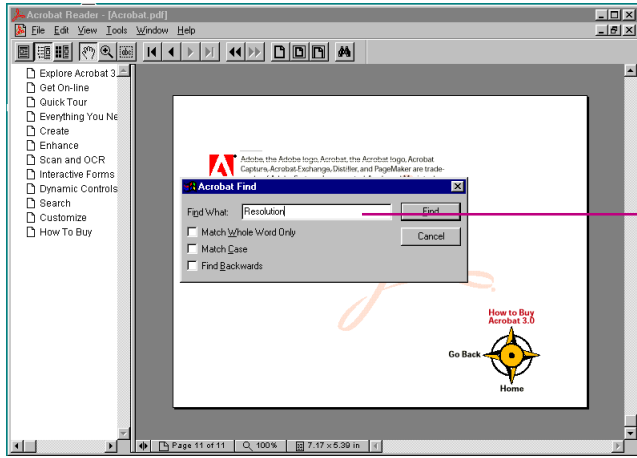

Acrobat Reader - [Prod_E.pdf]
File Edit View Tools Window Help
Table of Contents
Index
Clicking on a table of contents or index item takes you directly to that topic

Jump to a Topic with a Keyword Search

Entering a keyword into the Find dialog takes you to the associated topic.



Click the [Tools] menu and select [Find] to initiate a search



Enter a keyword and click the [Find] button

Exit Adobe Acrobat Reader

Click the close box to exit Adobe Acrobat Reader

Acrobat Reader - [Acrobat.pdf]
File Edit View Tools Window Help
Explore Acrobat 3
Get On-line
Quick Tour
Everything You Ne
Create
Enhance
Scan and OCR
Interactive Forms
Dynamic Controls
Search
Customize
How To Buy
Add dynamic controls that include multimedia.
Get readers involved in your PDF files! Use Acrobat 3.0 to create dynamic controls—buttons or entire regions of images and graphics within any PDF file that trigger links, menu functions, sounds, and movies when viewers click on them. Dynamic controls are perfect for publishing on the Internet or CD-ROM. Your PDF files will come to life!
To experience a dynamic control, just move your cursor over the clock and click to hear Big Ben toll the hour.

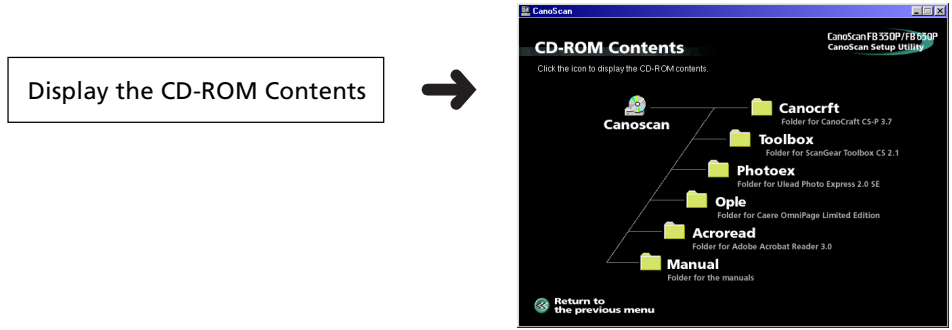
NOTE

- *Some manuals may not contain bookmark references, or may not jump to the selected topic when a page reference or item in the table of contents and index is clicked.*
- *For more information on Adobe Acrobat Reader, please refer to the [Reader Online Guide] in its [Help] menu.*

Displaying the CD-ROM Contents

You can view a list of the folders and files contained on the CD-ROM.

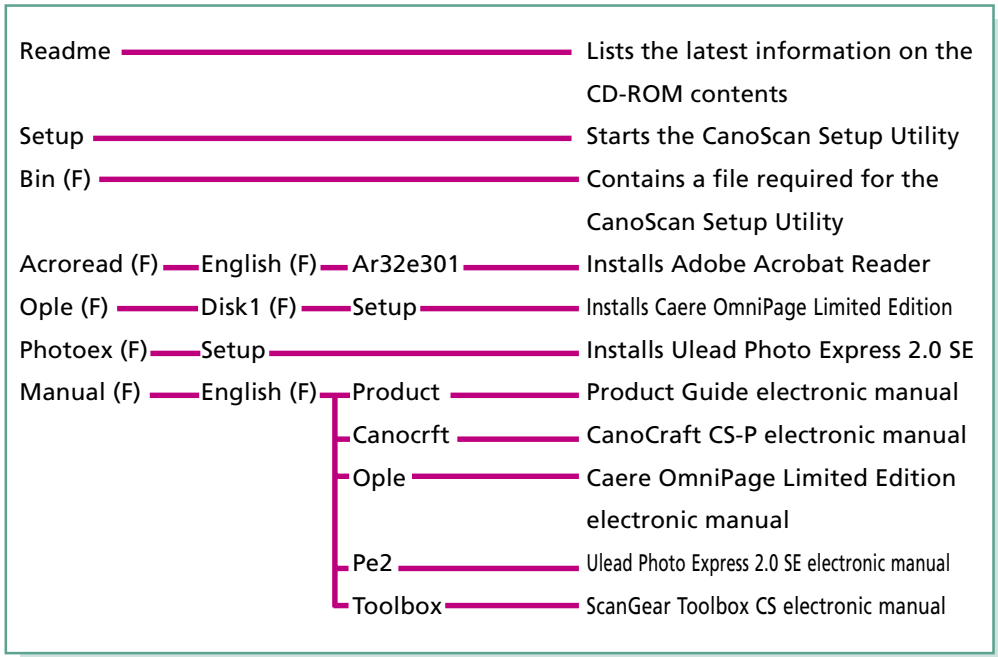
1. **Click [Display the CD-ROM Contents] in the CD-ROM menu.**
   The following window will display.

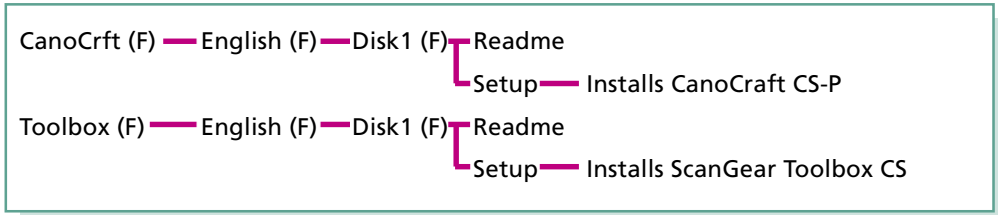


2. **Click the icon of a folder to view its contents.**
   The contents of selected folder will display.
   To close the window, click its close box ☒ on the upper right.

3. **When you have finished viewing folder contents, click [Return to the previous menu].**
   The main menu will display.

The major files on the CD-ROM are shown below for experienced and expert users. The folders and files are arranged hierarchically from left to right. “F” denotes a folder.

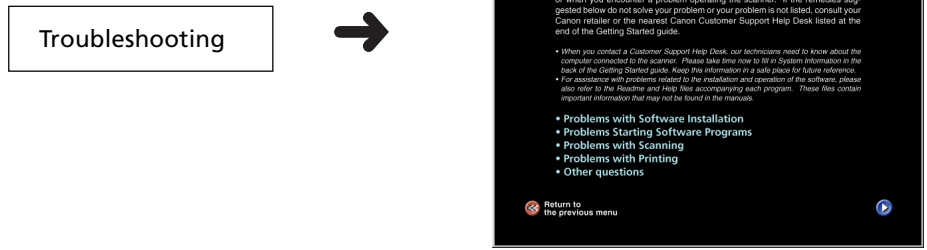



CanoCrft (F)
English (F)
Disk1 (F)
Readme
Setup
Installs CanoCraft CS-P
Toolbox (F)
English (F)
Disk1 (F)
Readme
Setup
Installs ScanGear Toolbox CS

Troubleshooting

The troubleshooting facility is intended to assist you when you think there is a malfunction or you are having problems performing a task.

1. **Click [Troubleshooting] in the CD-ROM menu.**
   The following window will display.


Troubleshooting
Acrobat Reader - [CanoScan Setup Utility]
Troubleshooting
CanoScan FB 330P/FB 630P
CanoScan Setup Utility
Please read the suggestions below when scanning isn't proceeding as expected or when you encounter a problem operating the scanner. If the remedies suggested below do not solve your problem or your problem is not listed, consult your Canon retailer or the nearest Canon Customer Support Help Desk listed at the end of the Getting Started guide.
• When you contact a Customer Support Help Desk, our technicians need to know about the computer connected to the scanner. Please take time now to fill in System Information in the back of the Getting Started guide. Keep this information in a safe place for future reference.
• For assistance with problems related to the installation and operation of the software, please also refer to the Readme and Help files accompanying each program. These files contain important information that may not be found in the manuals.
• Problems with Software Installation
• Problems Starting Software Programs
• Problems with Scanning
• Problems with Printing
• Other questions
Return to the previous menu

2. **Follow the instructions on the screen to proceed through the troubleshooting section.**
3. **Click [Return to the previous menu] when you have finished viewing.**
   The main menu will display.

Exiting the CD-ROM Menu Program

1. Return to the menu window.

2. Click the [Exit] button.
The menu window will close.

3. Remove the CD-ROM from the drive.
Handle the disk with care and store it in a safe place.

Chapter 3
How to Use the Scanner

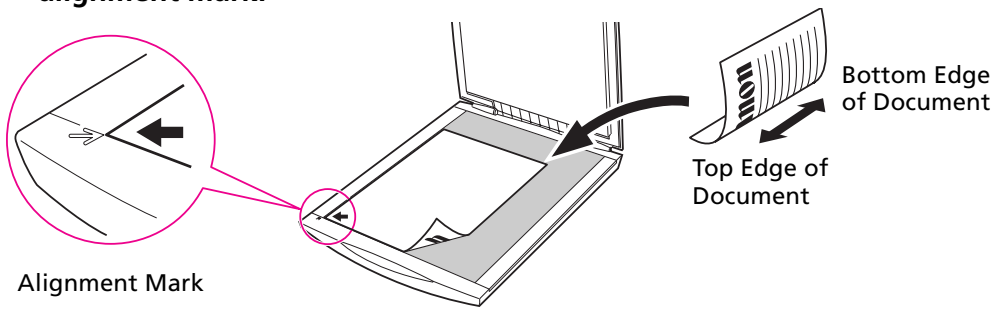
Positioning Documents 52

About CanoCraft CS-P 54

Positioning Documents

Position documents for scanning on the document glass, using the alignment mark as a guide.

1. **Lift the document cover.**
2. **Place the document face down on the document glass with its top edge at the front of the scanner (the edge farthest away from the document cover hinge). Align the edges of the document with the alignment mark.**



3. **Close the document cover, being careful not to move the document from alignment.**

WARNING

- *The maximum allowable size for scanning is 216 x 297 mm (85 x 116.9 inches), up to A4 size or letter size.*
- *This scanner is equipped with an ultra-sensitive scanning unit. Opening the document cover during scanning or improperly closing it may not produce proper results. When the document cover cannot be closed because you are scanning thick documents, such as books, cover the document glass with a dark cloth to prevent ambient light from affecting the scan.*

About CanoCraft CS-P

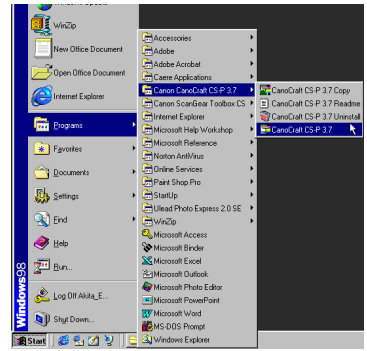
CanoCraft CS-P is the software program that works with the scanner to load images into your computer. CanoCraft CS-P can be started two ways.

- As a stand-alone program
- As a TWAIN driver within a graphics program (see page 56 for explanation)

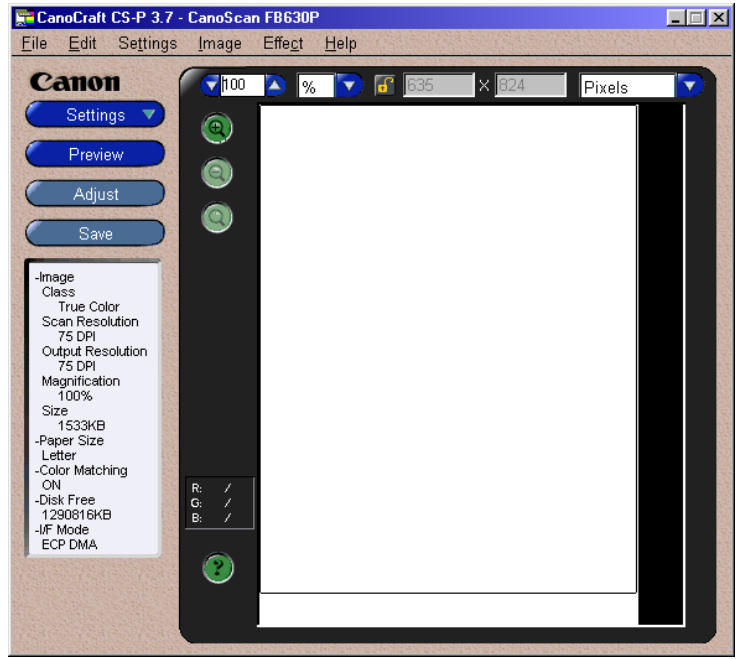
CanoCraft CS-P as a Stand-Alone Application

1. **Ensure that the scanner is plugged.**
   See Connecting the Power Cord, page 26, for instructions on how to power the scanner.

2. **Click the [Start] button on the Windows taskbar and select [Programs], [Canon CanoCraft CS-P 3.7] and [CanoCraft CS-P 3.7] in succession.**



CanoCraft CS-P will start and display the following window. Use this window to preview and scan images. For instructions for these procedures, please see the electronic manual entitled CanoCraft CS-P User's Guide.

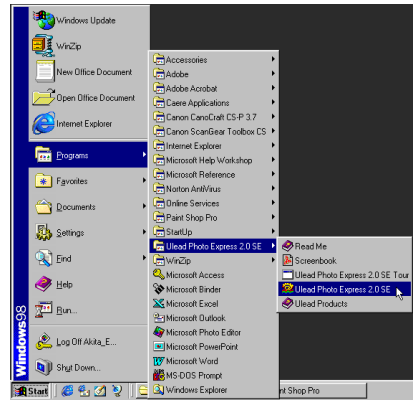


CanoCraft CS-P as a TWAIN Driver

CanoCraft CS-P can be used as a TWAIN driver within a graphics program. TWAIN is the acronym for a set of scanning standards. CanoCraft CS-P can be started from within application programs that are TWAIN_32-compliant to load images directly into the host program. For example, you can start Ulead Photo Express 2.0 SE and use its buttons to open a TWAIN driver for the scanner. A CanoCraft CS-P window will display.

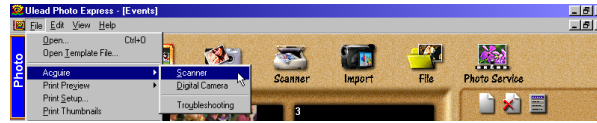
1. **Ensure that the scanner is plugged.**
   See Connecting the Power Cord, page 26, for instructions on how to power the scanner.

2. **Click the [Start] button on the Windows taskbar and select [Programs], [Ulead Photo Express 2.0 SE] and [Ulead Photo Express 2.0 SE] in succession.**



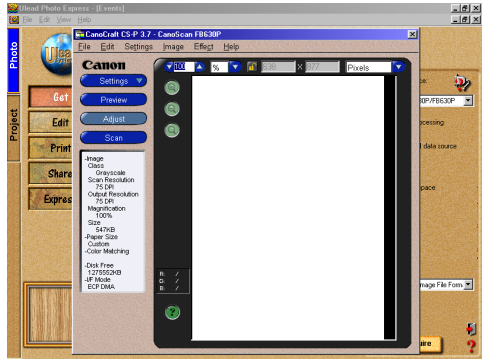
Ulead Photo Express 2.0 SE will start and its window will display.

3. Click the [File] menu and select [Acquire] and [Scanner] in succession.



4. **Confirm that [CanoScan FB330P/FB630P] is selected in the [Select data source:] list box and click the [Acquire] button.**

The CanoCraft CS-P window will appear in the Ulead Photo Express 2.0 SE window. Use this window to scan a document.



NOTE

- *If your system is set up for a digital camera or another scanner in addition to this scanner, the name of that scanner may appear in the [Select data source:] list box. In that case, click the arrow button on the list box and select [CanoScan FB330P/FB630P].*
- *There is only one difference between the CanoCraft CS-P window when it is used as a stand-alone application and when it is used as a TWAIN driver: As a TWAIN driver, the save button becomes the scan button.*
- *When the scans are finished, the CanoCraft CS-P window can be closed and the scanned images will be displayed in the Ulead Photo Express 2.0 SE window for editing or retouching. For further instructions on the use of Ulead Photo Express 2.0 SE, please consult its electronic manual.*
- *Methods for starting CanoCraft CS-P from within other application programs may differ from those described above. Refer to the respective manuals for instructions for other programs.*

Appendices

Troubleshooting 61

Precautions with Printers 71

Care and Maintenance 75

Major Specifications 77

Troubleshooting

Please read the suggestions below when scanning isn't proceeding as expected or when you encounter a problem operating the scanner. If the remedies suggested below do not solve your problem or your problem isn't listed below, consult your Canon vender or the nearest Canon Customer Support Help Desk (p. 81-82).

NOTE

- *When you contact a Customer Support Help Desk, our technicians will need to know about the computer connected to the scanner. Please take time now to copy and fill in the System Information page 33 of the Getting Started guide. Keep this information in a safe place for future reference.*
- *For assistance with problems related to the installation and operation of the software, please also refer to the Readme and Help files accompanying each program. These files contain important information that may not be found in the manuals.*

Problems with Software Installation

Installation is unsuccessful

Cause 1:	Insufficient memory to run the installer program
Solution:	Close other software programs that are running and reinstall
Cause 2:	Insufficient free hard disk space
Solution:	Delete or transfer unnecessary files from the hard disk and reinstall. Refer to page 33 for the required free hard disk space

Nothing displays when the CD-ROM is placed in the drive

Cause : CD-ROM will not automatically run the menu program

Solution: Start the menu program manually (See p. 29)

Installation just doesn't seem to be working

Solution: Manually install the software by clicking the [Start] button, selecting [Run] and typing one of the command lines below into the box. If your CD-ROM drive is labeled other than [D:], substitute the appropriate letter, such as [E:] or [F:], in the lines below

To install CanoCraft CS-P: [D:\CANOCRFT\ENGLISH\DISK1\SETUP.EXE]
To install ScanGear Toolbox CS: [D:\TOOLBOX\ENGLISH\DISK1\SETUP.EXE]
To install Ulead Photo Express 2.0 SE: [D:\PHOTOEX\SETUP.EXE]
To install Caere OmniPage Limited Edition: [D:\OPLE\DISK1\SETUP.EXE]
To install Adobe Acrobat Reader:
[D:\ACROREAD\ENGLISH\AR32E301.EXE]

To read the electronic manuals on the CD-ROM, navigate to the [D:\MANUAL] folder and open the PDF files in the respective subfolders

Problems Starting Software Programs

[No Scanners detected. Please check if CanoScan FB330P/FB630P is connected properly.] message displays

Cause 1: Scanner not detected because the AC adapter is not correctly plugged into the electrical outlet

Solution: Plug the AC adapter securely into the electrical outlet (See p. 26)

Cause 2:	Scanner not detected because the power cord plug is not correctly connected to the scanner
Solution:	Reconnect the power cord to the scanner (See p. 26)
Cause 3:	Scanner not detected because a parallel cable is not securely fastened to the scanner or computer
Solution:	Securely fasten the parallel cables (See p. 23)
Cause 4:	DMA transmission through parallel port failed
Solution:	Change the parallel port settings (See Getting Started)

CanoCraft CS-P will not start

Cause 1:	Insufficient memory (RAM) available to run CanoCraft CS-P
Solution:	Close other programs and run CanoCraft CS-P
Cause 2:	CanoCraft CS-P Copy running
Solution:	CanoCraft CS-P cannot run at the same time as CanoCraft CS-P Copy. Close CanoCraft CS-P Copy (See CanoCraft CS-P User's Guide)
Cause 3:	CanoCraft CS-P already running within another application as a TWAIN driver
Solution:	Close the version of CanoCraft CS-P running within the other application and restart (See CanoCraft CS-P User's Guide)

CanoCraft CS-P Copy will not start

Cause:	CanoCraft CS-P running
Solution:	Close CanoCraft CS-P

Problems starting CanoCraft CS-P as a TWAIN driver from within another application

Cause 1:	Insufficient memory (RAM) available to start CanoCraft CS-P
Solution:	Close other programs and start CanoCraft CS-P
Cause 2:	CanoCraft CS-P already running as a stand-alone program
Solution:	Close the version of CanoCraft CS-P that is already running
Cause 3:	CanoCraft CS-P not installed
Solution:	Install CanoCraft CS-P (See p. 33)
Cause 4:	Application program is not TWAIN_32 compatible
Solution:	Start CanoCraft CS-P from within a TWAIN_32-compatible program
Cause 5:	Printing in progress
Solution:	CanoCraft CS-P cannot be started as a TWAIN driver while printing is in progress. Start CanoCraft CS-P after printing finishes

Problems with Scanning

Scanner will not scan

Cause 1:	Scanner not powered up
Solution:	Securely connect the AC adapter to the scanner and electrical outlet (See p. 26)
Cause 2:	Scanning unit locked
Solution:	Unlock scanning unit by setting lock switch to unlocked position (See p. 20)
Cause 3:	Software incorrectly installed
Solution:	Reinstall software (See p. 33)
Cause 4:	CanoCraft CS-P not installed. Only Ulead Photo Express 2.0 SE and/or Caere OmniPage Limited Edition installed
Solution:	CanoCraft CS-P is required for scanning. Install it (See p. 33)
Cause 5:	Printing in progress
Solution:	Scanner cannot be used while printing. Initiate scan after printing finishes

[Low disk space condition, the file may have been truncated.]

Cause: Scanned image cannot be saved because of insufficient disk space

Solution: Rescan after removing or transferring unnecessary files to another disk or specify another disk as the save location

Scanning unit fails to return to ready position (front of scanner)

Cause: AC adapter out of contact with electrical outlet or scanner while scanning unit in motion

Solution: Clear all documents and objects from the document glass, close the document cover, unplug the AC adapter from the electrical outlet and then plug it back in

Scan quality is poor

Cause 1: Document cover is open

Solution: Close the document cover

Cause 2: Original document floating on document glass

Solution: Gently press down on the document cover to prevent the document from floating

Cause 3: Improperly closed or floating document cover

Solution: Hold document cover down with hand during scan

Cause 4: Dirty document glass or document cover

Solution: Clean document glass and document cover (See p. 75)

Cause 5:	Incorrect scan settings
Solution:	Rescan with adjusted settings (See the CanoCraft CS-P User's Guide electronic manual)
Cause 6:	A power cord is too close to the scanner.
Solution:	Move all power cords away from the top of the scanner and surrounding area

Glossy color photo will not scan clearly

Cause:	Optical interference created by the photo adhering to document glass produces striped patterns
Solution 1:	Gently press down on the document cover
Solution 2:	Move the photo on the document glass to break the adhesion
Solution 3:	Clean the document glass (See p. 75)

Stripes appear on scan of publication

Cause:	Moiré effect from scan of publication at low resolution (print screen lines highlighted by optical interference, producing striped patterns). The appearance of this effect is dependent upon particular combinations of screen line densities and scanning resolutions
Solution:	Rescan at different resolutions or turn on the Descreen mode (See the CanoCraft CS-P User's Guide electronic manual)

Whitened edges on image scanned from thick book

Cause:	Scanner employs an ultra-sensitive scanning unit. Scanning unit will sense even the smallest amount of light entering around the edges of the book if the document cover cannot be completely closed
Solution:	Cover the book and document glass with a dark cloth to prevent ambient light from affecting the scan

Slow scanning speed

Cause 1:	Improper parallel port setting
Solution:	Adjust parallel port setting (See Getting Started)
Cause 2:	Computer can only interface with the scanner with the parallel port setting set to the slowest mode (Nibble mode)
Solution:	Faster speed not obtainable with current computer
Cause 3:	Epson Printer Window in use for Epson printer
Solution:	Close Epson Printer Window (See p. 73)

Problems with Printing

Printing fails or printing errors

Cause 1:	Scanner and printer incorrectly connected or cable loose
Solution:	Connect cable correctly (See p. 24)
Cause 2:	Scanner not powered up
Solution:	Since data is sent through the scanner to the printer, the scanner power must be on to print. Connect the AC adapter to the scanner and electrical outlet (See p. 26)
Cause 3:	WPS (Windows Printing System) printer in use
Solution:	WPS printers cannot be used when connected through the scanner. To use both the printer and the scanner, alternately connect the devices to the computer's parallel port as required
Cause 4:	Scanning in progress
Solution:	Printer cannot be used while scanning. Initiate print after scanning finishes

Other Questions

Is this scanner compatible with SCSI controllers?

Answer: No. This scanner can only interface through a parallel port connection

Can a Film Adapter Unit be used with this scanner?

Answer: No

Can an Automatic Document Feeder be used with this scanner?

Answer: No

Can other peripheral devices employing a parallel port connection be connected to the scanner?

Answer: The only peripheral devices that can be connected to this scanner are printers employing parallel port connections

Can a externel parallel switch be used with the scanner?

Answer: No

Scanner cannot connect to a computer

Cause: Scanner connected to incompatible computer

Solution: Scanner is PC/AT compatible and not compatible with other standards, such as Macintosh. Connect to a PC/AT compatible computer

Precautions with Printers

The following precautions should be observed when using a printer in conjunction with the scanner.

The Scanner and the Printer Cannot Be Operated at the Same Time

The scanner and printer both use the same parallel port, making it impossible to scan during printing or print during scanning. Attempting to initiate a scan while printing will cause the [Printer Port is used by another device.] message to display. Under certain conditions, initiation of a scan command may succeed during a print job, but the printing operation may cease and result in a printer error.

Using Windows Printing System (WPS) Printers

Windows Printing System compatible printers, such as Canon BJC-610W, BJC-620W, LBP-460 and LBP-660 models, will not operate properly when connected via the scanner. To use such printers, directly connect the printer to the computer's parallel port and alternate with the scanner as required.

What to Do if a Printer is Not Operating Correctly

The scanner uses the standard Windows parallel port driver for scanning and printing operations. As a result, connecting printers that employ their

own parallel port drivers, such as Epson inkjet printers, to the scanner's printer port will cause the scanner or printer to malfunction. Such printers must be handled as follows:

NOTE • *Contact the manufacturer to find out whether or not your printer uses the standard Windows parallel port driver.*

• Using Canon Printers

Use the following printer settings when connecting a LIPS4 printer to the scanner's printer port.

How to Adjust the Settings

1. Click the Windows [Start] menu and select [Settings] and [Printers].
2. Click the icon of the printer to select it. Click the [File] menu in the window and select [Properties].
3. In the printer's properties dialog, select the [Details] tab and click the [Spool Settings] button.
4. Click the "Start printing after last page is spooled" option to make it active and click the [OK] button.
5. Click the [OK] button in the properties dialog.

• Using Epson Printers

It is advisable to adjust the Spool Manager settings as follows to avoid mis-operation of the scanner during printing. (This procedure is not necessary on computers running Windows NT 4.0.)

How to Adjust the Spool Manager Settings

1. Click the [Start] button on the Windows taskbar and select [Programs], [Epson] and [Spool Manager].
2. Double click the icon of the printer currently in use.
3. Click to place a checkmark beside the [Use Print Manager for this port] option in the settings dialog.

NOTE

- *Selecting the [Use Print Manager for this port] setting causes the computer to spool all of the print data onto the hard drive before sending it to the printer, resulting in a printing speed that is moderately slower than if this setting is not selected.*

Use of the Epson Printer Window software that accompanies Epson printers may cause the scanner's scan speed to drop dramatically, failure of the scanner to be recognized by the computer and incorrect operation of CanoCraft CS-P.
If you experience problems, please try to solve them by following the procedures below to disable the Epson Printer Window.

How to Disable the Epson Printer Window

1. Click the [Start] button on the Windows taskbar and select [Programs] and [Windows Explorer].
2. Use Windows Explorer to navigate to the [Windows], [Start Menu], [Programs], and [StartUp] folders and delete the [Epson Printer Window] icon.

NOTE • *Deleting the Epson Printer Window software will disable the capacity to confirm ink levels and read error messages for the printer.*

- **How to Solve Problems with Other Printers That Are Operating Incorrectly**

Begin by turning off the printer's bi-directional functions (in its status monitor or control panel). Please refer to the instructions that accompanied your printer for an explanation of this operation. If this does not solve the problem, connect the printer directly to the computer's parallel port and alternate with the scanner as required.

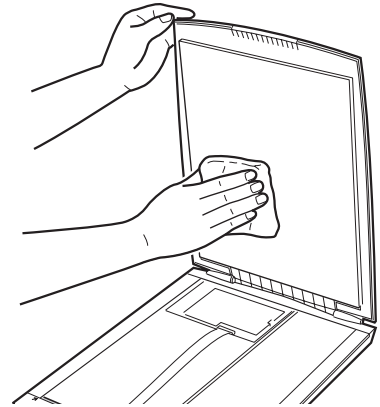
Care and Maintenance

Clean off the dirt and dust that adheres to the exterior, document glass and document cover of the scanner during the course of ordinary operation using the following procedures.

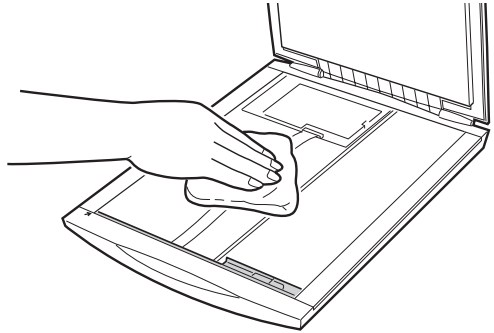
1. **Power down the computer and peripheral devices.**
2. **Unplug the AC adapter from the electrical outlet.**
3. **Dampen a clean, soft cloth with water and wring the cloth well. Use the well-wrung cloth to gently remove dirt and dust. Be particularly careful to remove any traces of dirt or liquid from the document glass by wiping it with a dry soft cloth.**
   - Do not dampen the connectors, ports or other metallic components on the scanner's back panel. Immediately remove any moisture that contacts these components by wiping them with a dry cloth.
   - Do not use a sodden cloth or apply a liquid directly to any portion of the scanner. Any moisture that enters the interior, the underside of the document glass or the sensors may degrade image quality and lead to malfunctions.
   - Never use substances containing thinners or benzene on the equipment. Use of these substances may deform, discolor or dissolve the casing.
4. **Thoroughly remove any moisture or water vapor from the scanner with a dry cloth.**
   - Moisture left on the document glass or cover may damage photographs and other documents as well as not produce proper image results.

Outer Casing

Document Cover



Document Glass



Never use substances containing thinners or benzene to clean the equipment

Major Specifications

		CanoScan FB330P	CanoScan FB630P
Scanner Type		Flatbed (stationary document type)	
Scanning Element		CIS (Contact Image Sensor)	
Light Source		Three-color RGB LEDs	
Optical Resolution		300 x 600 dpi	600 x 1200 dpi
Selectable Resolution		25 to 2400 dpi	
Scanning Bit Depth	Color	12 bits Input/ 8 bits output for each color (RGB)	
	Grayscale	12 bits Input/ 8 bits output	
	Dithering	64 tones	
Scanning Speed*1	Color	17.1 msec./line	
	Grayscale	5.7 msec./line	
	B&W	5.7 msec./line	
Prescan Speed		15 sec.	
Interface		Parallel interface (IEEE 1284/ECP)	
Maximum Document Size		A4/Letter, 216 x 297 mm (8.5 x 11.7 inches)	

		CanoScan FB330P	CanoScan FB630P
Power Requirements		AC Adapter (100/120/230/240 V) *2	
Power Consumption		9 watts maximum, standby 5 watts (using supplied adapter)	
Dimensions (W x D x H)		256 x 372.5 x 39 mm (10.1 x 14.7 x 2.5 inches)	
Weight		Approximately 1.5 kg (3.3 pounds)	
Operating Range	Temperature	5°C to 35°C (41°F to 95°F)	
	Humidity	10%-90% (without condensation formation)	

*1 Transfer time to computer is not included.
*2 Type of AC adapter depends on the area where the scanner is used.

Subject to change without notice

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